PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

 ${\bf Application} \ {\bf or} \underline{{\bf D}} {\bf ocket} \ {\bf Number}$

2452 - 033

CLAIMS AS FILED - PART I							SMALL ENTITY			OTHER THAN			
_			(Column 1)		(Colu	(Column 2)		TYPE		OR	SMALL	ALL ENTITY	
T	OTAL CLAIMS		5					RATE	FEE]	RATE	FEE	
FC)R		NUMBER I	FILED .	NUMB	BER EXTRA		BASIC FEE	385.00	OR	BASIC FEE	770.00	
TC	TAL CHARGEA	ABLE CLAIMS	5 min	nus 20=	*	ω		X\$ 9=	0	OR	X\$18=		
INE	DEPENDENT CL	_AIMS	mir	nus 3 =	*	0		X43=	0	OR	X86=	_	
ML	JLTIPLE DEPEN	NDENT CLAIM PE	RESENT					+145=	0	OR	+290=		
* If	the difference	in column 1 is	less than ze	ero, enter	"0" in c	column 2	Ţ	TOTAL	385	OR	TOTAL		
	С	LAIMS AS A	MENDED	- PART	ΤII	•				•	OTHER	THAN	
		(Column 1)		(Colum		(Column 3)		SMALL	ENTITY	OR	SMALL	ENTITY	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMB PREVIO PAID F	BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDM	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=		
AME	Independent	*	Minus	***	OL AINA	=		X43=		OR	X86=		
	FIRST PRESE	NTATION OF ML	JLIIPLE DEP	ENDEN	CLAIIVI			+145=		OR	+290=		
							L	TOTAL			TOTAL		
		(Column 1)		(Colum	· ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	(Column 3)	A	ADDIT. FEE			ADDIT. FEE		
		(Column 1) CLAIMS		(Colum	EST	(Column 3)	^] [ADDIT. FEE	ADDI.		ADDIT. FEE	ADDI-	
ENT B	·				EST BER OUSLY	(Column 3) PRESENT EXTRA		ADDIT. FEE	ADDI- TIONAL FEE		ADDIT. FEE	ADDI- TIONAL FEE	
NDMENT B	Total	CLAIMS REMAINING AFTER	Minus	HIGHE NUMB PREVIO	EST BER OUSLY	PRESENT			TIONAL	OR		TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHE NUMB PREVIOU PAID F	EST BER PUSLY FOR	PRESENT EXTRA		RATE	TIONAL		RATE	TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHE NUMB PREVIOU PAID F	EST BER PUSLY FOR	PRESENT EXTRA		RATE X\$ 9= . X43=	TIONAL FEE	OR OR	RATE X\$18= X86=	TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHE NUMB PREVIOU PAID F	EST BER PUSLY FOR	PRESENT EXTRA		RATE X\$ 9= X43= +145=	TIONAL FEE	OR OR OR	RATE X\$18= X86= +290=	TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHE NUMB PREVIOU PAID F	EST BER PUSLY FOR	PRESENT EXTRA		RATE X\$ 9= . X43=	TIONAL FEE	OR OR OR	RATE X\$18= X86=	TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU (Column 1)	Minus	HIGHE NUMB PREVIOU PAID F	EST BER DUSLY FOR CLAIM	PRESENT EXTRA		RATE X\$ 9= X43= +145= TOTAL	TIONAL FEE	OR OR OR	X\$18= X86= +290=	TIONAL	
	Independent	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU	Minus	HIGHE NUMB PREVIOU PAID F	CLAIM CLAIM ST SER USLY	PRESENT EXTRA		X\$ 9= X43= +145= TOTAL DDIT. FEE	TIONAL FEE	OR OR OR	X\$18= X86= +290=	TIONAL	
	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * *	Minus	HIGHE NUMB PREVIOU PAID F *** COlum HIGHE NUMBI PREVIOU	CLAIM CLAIM ST SER USLY	PRESENT EXTRA = (Column 3)		X\$ 9= X43= +145= TOTAL DDIT. FEE	ADDI- TIONAL FEE	OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE	ADDI- TIONAL	
	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT * *	Minus LTIPLE DEP Minus Minus	(Colum HIGHE NUMB PREVIOU PAID F	CLAIM CLAIM ST BER USLY OR	PRESENT EXTRA		RATE X\$ 9= X43= +145= TOTAL DDIT. FEE	ADDI- TIONAL FEE	OR OR OR OR	RATE X\$18= X86= +290= TOTAL ADDIT. FEEL RATE	ADDI- TIONAL	
AMENDMENT C AMENDMENT B	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * *	Minus LTIPLE DEP Minus Minus	(Colum HIGHE NUMB PREVIOU PAID F	CLAIM CLAIM ST BER USLY OR	PRESENT EXTRA = (Column 3) PRESENT EXTRA =		RATE X\$ 9= X43= +145= TOTAL DDIT. FEE RATE X\$ 9= X43=	ADDI- TIONAL FEE	OR OR OR	RATE X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X\$6=	ADDI- TIONAL	
AMENDMENT C	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * *	Minus LTIPLE DEP Minus Minus LTIPLE DEP	(Colum HIGHE NUMB) PREVIOUS PAID FOR NUMB)	CLAIM CLAIM CLAIM CLAIM	PRESENT EXTRA = (Column 3) PRESENT EXTRA = =		X\$ 9= X43= +145= TOTAL DDIT. FEE RATE X\$ 9= X43= +145=	ADDI- TIONAL FEE	OR OR OR OR	RATE X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86= +290=	ADDI- TIONAL	
AMENDMENT C	Independent FIRST PRESE Total Independent FIRST PRESE f the entry in column the "Highest Num of the "Hig	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT * *	Minus Minus Minus Minus Minus LTIPLE DEP e entry in colunid For IN THIS id For IN THIS	(Column HIGHE NUMB PREVIOUS PAID FOR NUMB PREVIOUS PAID FOR NUMB PREVIOUS PAID FOR NUMB PREVIOUS PAID FOR NUMB PAI	CLAIM CLAIM CLAIM CLAIM CLAIM CO in cold less than less than less than	PRESENT EXTRA = (Column 3) PRESENT EXTRA = = urmn 3. 1 20, enter "20." 1 3, enter "3."	A A	RATE X\$ 9= X43= +145= TOTAL DDIT. FEE X\$ 9= X43= +145= TOTAL DDIT. FEE	ADDI- TIONAL FEE	OR OR OR OR OR	RATE X\$18= X86= +290= TOTAL ADDIT. FEE X\$18= X86= +290= TOTAL ADDIT. FEE	ADDI- TIONAL	

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	PATENT A	PPLIC	CATIO	N FEE D	ETER	MINATI	ON RECO	ORD		Application or 2452.033	Docke	t Number	***	
CLAIMS AS FILED - PART I (Column 1) (Column 2)								S	SMALL ENTITY			OTHER THAN OR SMALL ENTITY		
FOR NUMBER F			R FILED	R FILED NUMBER		EXTRA		RATE	FEE		RATE	FEE		
	SIC FEE CFR 1.16(a))					1] [\$ <u>385</u>	OR		<u>\$_0</u>	
TOTAL CLAIMS (37 CFR 1.16(e))			5	minus 20 =		* 0		x	\$ 9	_= 0	OR	x \$_18 =	0	
INDEPENDENT CLAIMS (37 CFR 1.16(b))			1 minus 3 =		* 0		x	43 _	= 0	OR	x 86 =	0		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) 0						0		140	_ 0	OR	+ 280 =	0		
Ifthe	difference in colur	nn 1 is less	then zero, e	nter "0" in colu	mn 2				тота	L 385	OR	TOTAL	0	
	CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)						s	SMALI	L ENTITY	OR	OTHER T			
AMENDMENT A		REMA AFT	AIMS AINING FER DMENT		NL PREV	GHEST JMBER JOUSLY ID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDN	Total (37 CFR 1.16(c))	*		Minus	** 2	0	= 0	x:	\$ <u>9</u> =	_ 0	OR	x \$ <u>18</u> =	0	
ME	Independent (37 CFR 1.16(b))	*		Minus	*** 3		= 0	х	43	_ 0	OR OR	x <u>86</u> =	0	
_	FIRST PRES	SENTATIO	ON OF MU	JLTIPLE DE	PENDEN	T CLAIM (3	7 CFR 1.16(d))	+	140	= 0	OR	+ 280 =	0	
		(Colu	mn I)		(Co	lumn 2)	(Column 3)		TOTAI		OR A	TOTAL DDIT. FEE	0	
AMENDMENT B		REMA AFT	AIMS AINING FER DMENT		NU PREV	GHEST JMBER JOUSLY ID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
VDM	Total (37 CFR 1.16(c))	*		Minus	**		=	x 5	x \$ <u>9</u>	_ 0	OR	x \$ <u>18</u> =	0	
ME	Independent (37 CFR 1.16(b))	*		Minus	***		=	x	43	= 0	OR OR	x <u>86</u> =	0	
٧	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+.	140	_ 0	OR	+ _280_ =	0			
		(Colu	mn I)		(Co	lumn 2)	(Column 3)	ADI	TOTA DIT. FE		OR A	TOTAL DDIT. FEE	0	
AMENDMENT C		REMA AFT	AIMS AINING TER DMENT		PREV	GHEST JMBER JOUSLY ID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDN	Total (37 CFR 1.16(c))	*		Minus	**		=	x	\$ <u>9</u>	= 0	OR OR	x \$ <u>18</u> =	0	
\ME	Independent (37 CFR 1.16(b))	*		Minus	***		=	x.	43	= 0	OR OR	x <u>86</u> =	0	
4	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))							+	140	= 0	OR	+ 280 =	0	
	the entry in colu							ADI	TOTA DIT. FE		OR A	TOTAL DDIT. FEE	0	
** If	the "Highest Nur e "Highest Numb	nber Previ	iously Paid	For" IN THI	S SPACE	is less than 3	, enter "3".	und in the	appropi	riate box in colur	nn 1.			